

Weekly Disease Surveillance Report



2021 Reporting Week 37 : September 12 — September 18

This weekly report is produced by the DOH-Okaloosa Epidemiology Section to provide situational awareness to community partners. Data is subject to change as additional information is gathered.

Okaloosa COVID-19 Status

For the third week in a row, Okaloosa continues to show favorable trends in COVID-19 cases and vaccinations. While community risk level still remains HIGH and residents should remain alert, Okaloosa did experience a drop in positivity rate of almost 10%. Also, over 3,600 Okaloosa residents initiated COVID-19 vaccination in Week 37!!

As of September 20, local hospitals reported that they were 87.3% full, of which 27.3% of those beds are occupied by COVID-19 patients. Of all ICU hospital beds in Okaloosa, 56.5% were occupied by COVID-19 patients. The unvaccinated population continues to be the most heavily impacted. **Over 80% of persons hospitalized with COVID-19 are unvaccinated.** The vaccine is highly effective at preventing severe disease and death. The total of Okaloosa residents aged 12 and older that are fully-vaccinated is now at 55% , or 98,199 Okaloosans!

Get VACCINATED today! It is SAFE. It WORKS!

The FDA and CDC authorized a **third dose of the mRNA vaccine** for moderately and severely immunosuppressed people who completed either the Moderna or Pfizer vaccine series. The third dose must be from the same manufacturer. Persons who have other chronic medical conditions should consult their physician about obtaining a third dose. An additional dose is not authorized for the J&J vaccine.

Okaloosa continues to host a **FREE Monoclonal Antibody Treatment site**. Monoclonal Antibody Treatments are authorized by the U.S. Food and Drug Administration (FDA) under an Emergency Use Authorization (EUA) for use in adult and pediatric patients (12 and older) who have either been diagnosed or exposed to someone with COVID-19 and are at high risk for progression to severe illness, hospitalization, or death from COVID-19.

Contact Us:

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in Okaloosa County**

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COVID-19 Snapshot

| Week 37 Review | | Difference from Wk36 |
|---|-------|----------------------|
| Resident Case Count | 801 | -502 |
| Resident Case Count per 100K Population | 388.1 | -243.1 |
| Average Resident Cases per Day | 114.4 | -71.7 |
| Percent Positivity | 16.7% | -9.9% |

Data Source: Merlin Database

The Florida Department of Health (FDOH) provides the Centers for Disease Control and Prevention (CDC) with county COVID-19 data, including deaths.

The death data can be obtained on the CDC's website at <https://covid.cdc.gov/covid-data-tracker/#county-view> | Florida | 12091 | Risk | community transmission level (NEW LINK!).

For questions related to COVID-19 death data, please contact the FDOH Office of Communications at 850-245-4111 or NewsMedia@flhealth.gov.

| Week 37 Community Risk Level | | |
|---------------------------------------|--|-----------------------|
| COVID-19 Community Risk Level | New Cases per 100K Population per Week | % Positivity per Week |
| HIGH | 388.1 | 16.7% |
| PREVIOUS WEEK RISK LEVEL: HIGH | | |
| Low | <10 | <5% |
| Moderate | 10-49 | 5-7.9% |
| Substantial | 50-99 | 8-9.9% |
| High | >100 | >10% |

Community risk level is the color of the higher risk level for the two indicators.

Data Source : CDC [Community Indicators at the County Level](#)



COVID-19 Fully
Vaccinated =
No Quarantine

COVID-19 in Okaloosa County

Week 37: September 12 - September 18

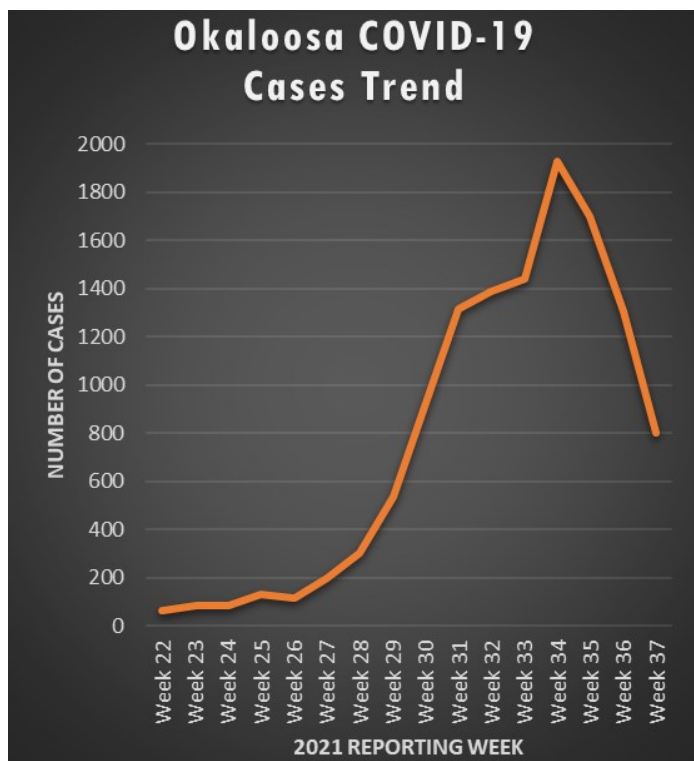


Figure 1: Trend of total COVID-19 cases by week. Data source: Merlin Database

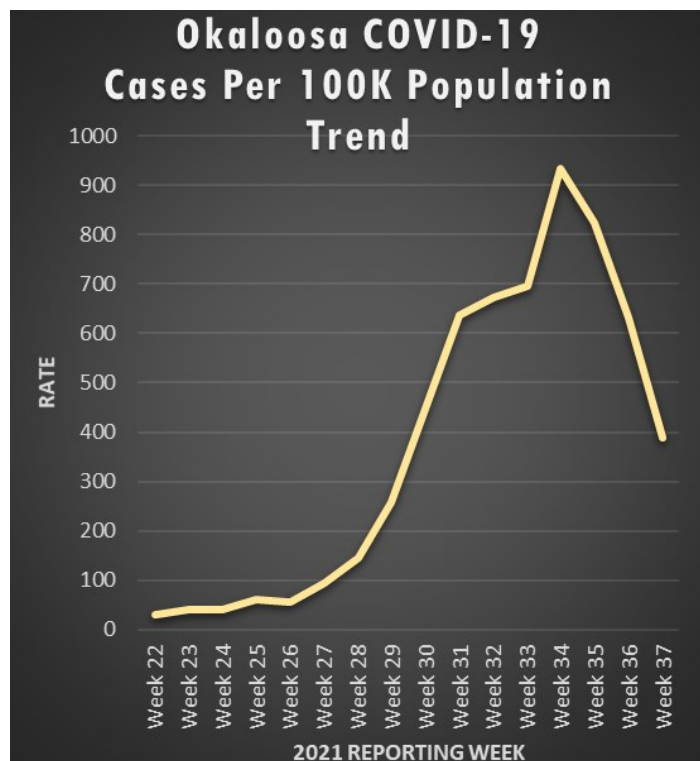


Figure 2: Trend of COVID-19 case rates by week. Data source: Merlin Database

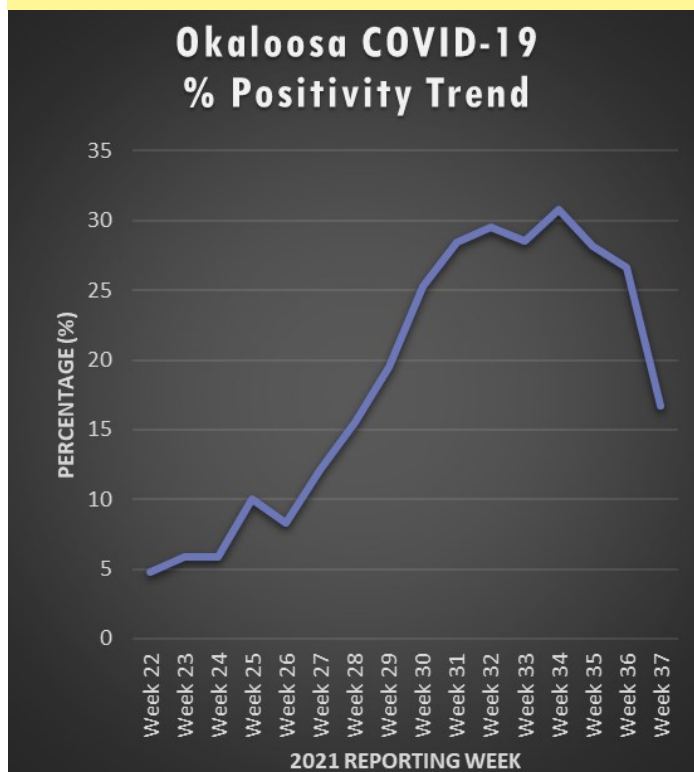


Figure 3: Trend of 7-day moving percent positivity of COVID-19 cases by week. Data source: Merlin Database

COVID-19 Cases by Age Group

| Age Group | Okaloosa Resident Cases since 03/01/21 through Week 37 | % by Age Group | Difference from Week 36 |
|--------------|--|----------------|-------------------------|
| 0-11 | 1827 | 12.8% | +136 |
| 12-14 | 660 | 4.6% | +40 |
| 15-24 | 2218 | 15.6% | +115 |
| 25-44 | 4892 | 34.4% | +243 |
| 45-64 | 3238 | 22.7% | +189 |
| 65-74 | 854 | 6.0% | +43 |
| 75-84 | 354 | 2.5% | +28 |
| 85+ | 189 | 1.3% | +7 |
| Unknown | 5 | 0.0% | +0 |
| Total | 14237 | 100% | +801 |

Data Source: Merlin Database



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Vaccinated =
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COVID-19 in Okaloosa County

Week 37: September 12- September 18

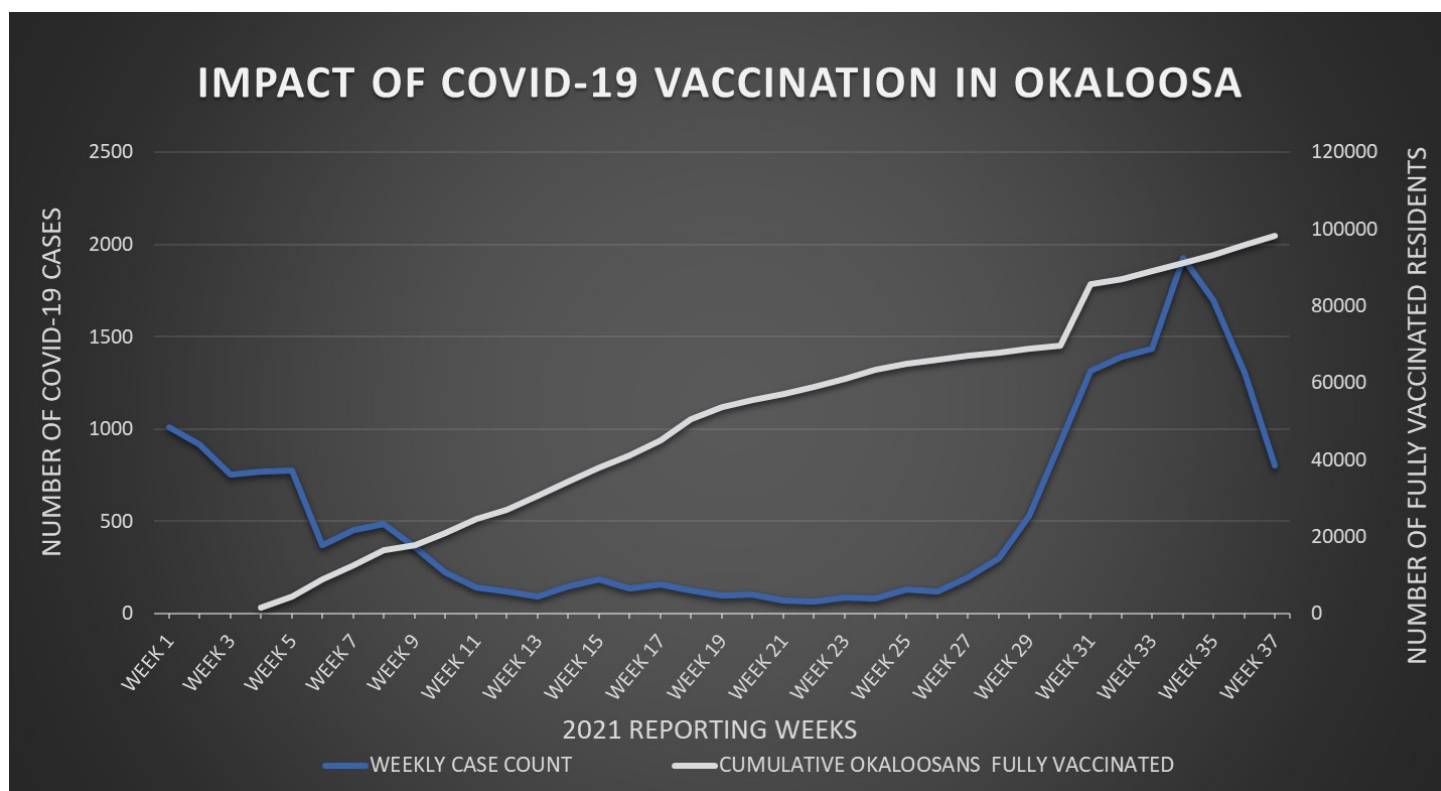


Figure 4: Cumulative number of fully vaccinated Okaloosa residents as compared to COVID-19 cases per week. Data reported through previous Sunday.
Data Source: Merlin & CDC [COVID Data Tracker](#)

VACCINATION DATA RESOURCE

The CDC COVID Data Tracker presents county level vaccination data that includes vaccinations from

- FL SHOTS, including FL Department of Health, retail pharmacies, and long-term care facilities,
- Dialysis centers participating in the Federal Dialysis Center Program,
- Health Resources and Services Administration partner sites, and
- Federal entities such as Department of Defense, Veterans Health Administration, Indian Health Service and Bureau of Prisons.

Percentage of
Breakthrough
Infection in
Fully-Vaccinated
Individuals:

1.07%

Data Source: Merlin & CDC [COVID Data Tracker](#)

COVID-19 VACCINATIONS

| Fully-Vaccinated Groups | OKALOOSA | US |
|--|----------|-------|
| % of Population \geq 12 Years of Age | 55.0% | 63.9% |
| % of Population \geq 18 Years of Age | 57.4% | 65.8% |
| % of Population \geq 65 Years of Age | 86.5% | 82.9% |

Data reported through previous Sunday. Data Source: CDC [COVID Data Tracker](#)



Influenza-Like Illness

Week 37: September 12 - September 18

Influenza-like Illness (ILI) is defined as fever greater than or equal to 100°F AND cough and/or sore throat in the absence of another known cause.

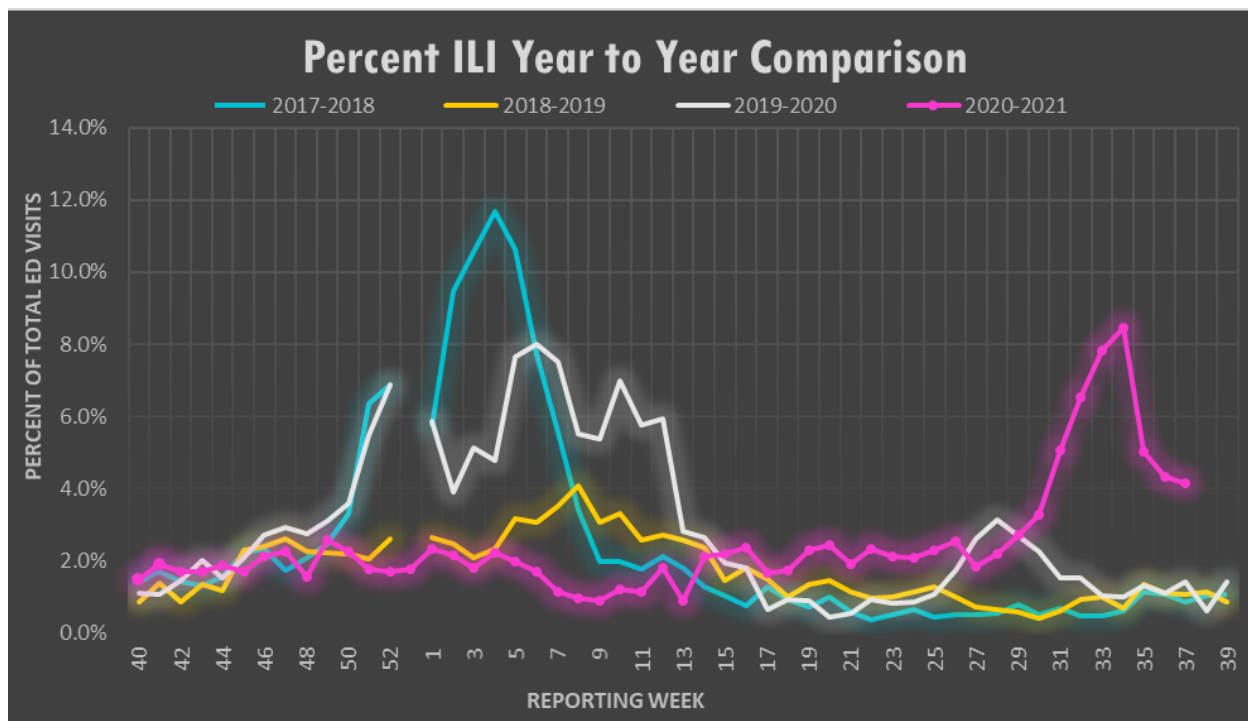


Figure 5:

Annual comparison of the percent of all hospital ED visits due to ILI for Okaloosa county for the 2017-18, 2018-19, 2019-20, and 2020-21 influenza seasons by week.

Data source:

ESSENCE

ANALYSIS: During Week 37, flu reporting partners and ESSENCE (a syndromic surveillance system) reported a decrease in ILI activity for Okaloosa County. The percentage of ILI ED visits in Okaloosa County decreased from 4.35% during Week 36 to 4.14% during Week 37. Flu partners reported no positive rapid influenza tests this week. Over the past three weeks, 7 out of 121 influenza specimens submitted to the state lab were positive (7 Influenza B unspecified). There were no reported ILI admissions, outbreaks, or deaths reported this week. The percentage of total ILI ED visits for Week 37 is higher than that of Week 37 last year.

Note: Other respiratory syndromes can be represented by increased ILI case numbers. Data Source: ESSENCE

% ILI by Age Group Week 37, 2021

| Age Range | ILI Visits | Total ED Visits | % Total ILI Visits |
|-----------|------------|-----------------|--------------------|
| 0-4 | 19 | 186 | 10.22% |
| 5-19 | 18 | 316 | 5.70% |
| 20-34 | 18 | 488 | 3.69% |
| 35-54 | 18 | 531 | 3.39% |
| 55-74 | 18 | 250 | 7.20% |
| 75+ | 4 | 251 | 1.59% |

Data Source: ESSENCE

% of Total ILI Visits by Facility Week 37, 2021

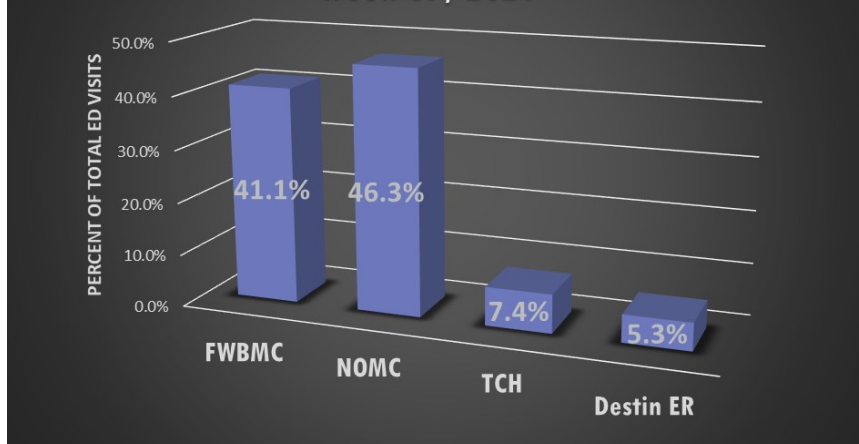


Figure 6: Hospital ED visits meeting ILI criteria stratified by facility. Percentages calculated based on total number of ILI ED visits. (n=95). Data source: ESSENCE



Syndromic Surveillance

Week 37: September 12 - September 18

Total ED Visits by Syndrome

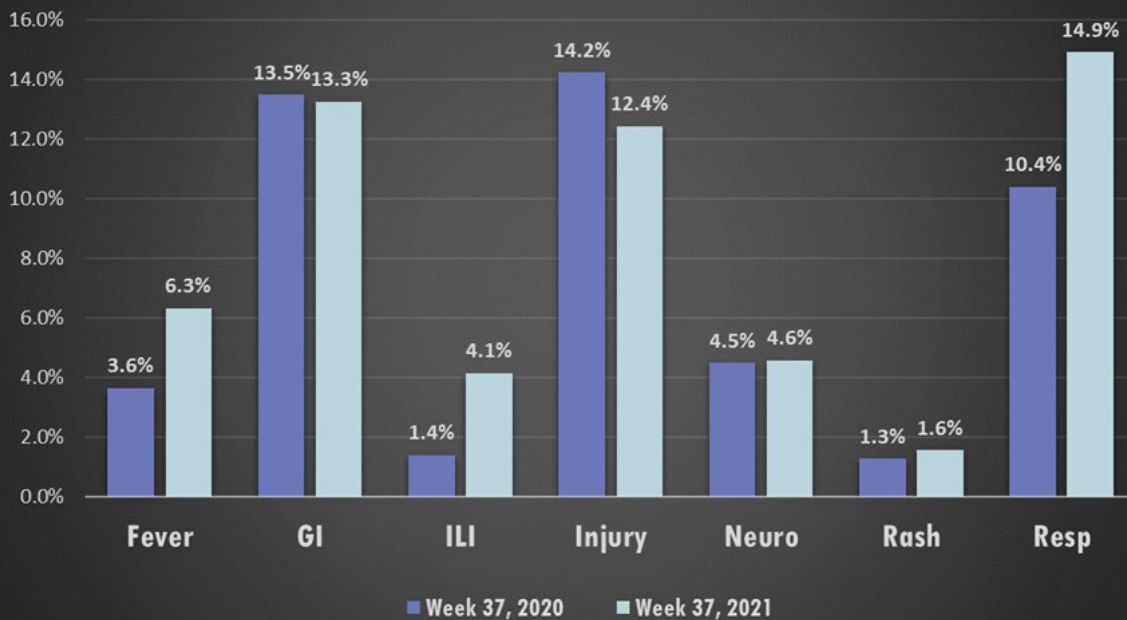
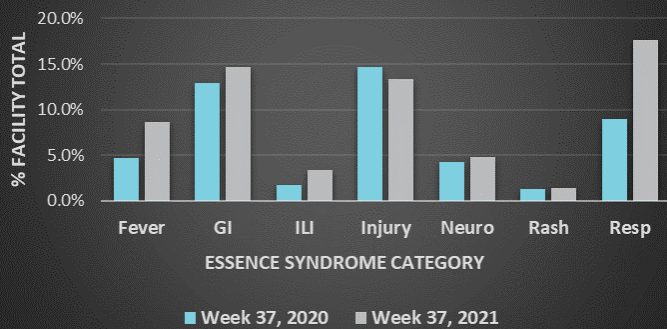


Figure 7: Hospital Emergency Department (ED) visits from 2021 Week 37 by select syndrome category. Percentages calculated based on total number of ED visits (n=2293). Some syndrome categories are not represented; therefore, represented percentages will not total 100%.

Data source: ESSENCE

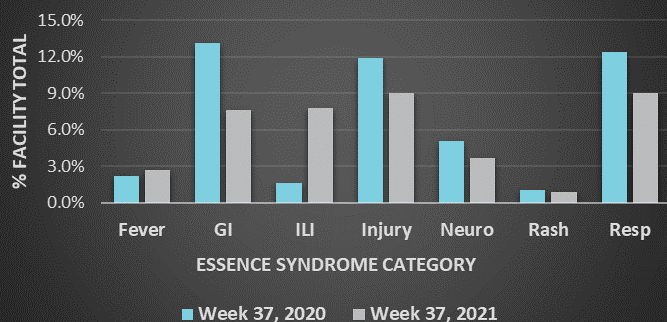
Fort Walton Beach Medical Center ED Presentations



Week 37—Fort Walton Beach Medical Center

| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4 | FEVER | 39 |
| 5-19 | RESP | 42 |
| 20-34 | GI | 49 |
| 35-54 | RESP | 43 |
| 55-74 | GI | 29 |
| 75+ | INJURY | 25 |

North Okaloosa Medical Center ED Presentations



Week 37—North Okaloosa Medical Center

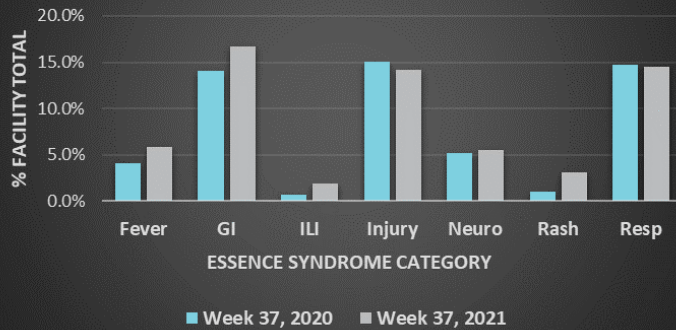
| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4 | FEVER | 9 |
| 5-19 | INJURY | 8 |
| 20-34 | INJURY | 15 |
| 35-54 | ILI, RESP | 14, 14 |
| 55-74 | GI, RESP | 20, 20 |
| 75+ | NEURO | 8 |



Syndromic Surveillance

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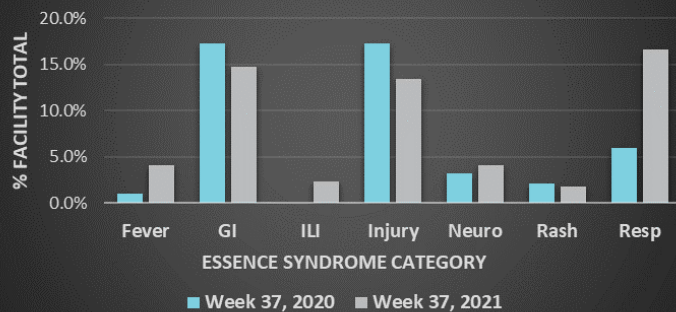
Twin Cities Hospital ED Presentations



Week 37—Twin Cities Hospital

| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4 | FEVER | 10 |
| 5-19 | GI | 9 |
| 20-34 | GI | 10 |
| 35-54 | RESP | 18 |
| 55-74 | GI | 18 |
| 75+ | INJURY | 12 |

DestinER ED Presentations



Week 37—DestinER

| Age Range | Top Syndrome | Total ED Visits for Syndrome |
|-----------|--------------|------------------------------|
| 0-4 | RESP | 6 |
| 5-19 | RESP | 11 |
| 20-34 | GI | 7 |
| 35-54 | INJURY, RESP | 9, 9 |
| 55-74 | GI | 8 |
| 75+ | GI | 3 |

Week 37—Okaloosa County

| Age Group | Top Syndrome |
|-----------|--------------|
| 0-4 | FEVER |
| 5-19 | RESP |
| 20-34 | GI |
| 35-54 | RESP |
| 55-74 | GI |
| 75+ | INJURY |

Data Source: ESSENCE

